

**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA
STARRED QUESTION NO. 348
TO BE ANSWERED ON 17TH JULY, 2019**

BSNL MOBILE TOWERS

**†*348. DR. BHARATIBEN DHIRUBHAI SHIYAL:
SHRI ARVIND KUMAR SHARMA:**

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the number of Bharat Sanchar Nigam Limited (BSNL) mobile towers installed across the country along with the details of the services/facilities these are equipped with, State-wise including Haryana and the district-wise details of Gujarat State;
- (b) whether most of the BSNL mobile towers in Gujarat and Haryana are equipped to provide 2G services whereas mobile towers of other private telecom companies are providing 4G services and if so, the details thereof;
- (c) whether the Government proposes to upgrade the BSNL mobile towers installed across the country including Gujarat, particularly in Bhavnagar and Botad districts;
- (d) if so, the details thereof and the steps taken by the Government in this regard along with the time by which the said upgradation is likely to be done and if not, the reasons therefor; and
- (e) the number of mobile towers upgraded in Gujarat during each of the last three years and the current year?

ANSWER

**MINISTER OF COMMUNICATIONS, LAW & JUSTICE AND
ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI RAVI SHANKAR PRASAD)**

- (a) to (e) A statement is laid on the Table of the House.

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STATEMENT TO BE LAID ON THE TABLE OF LOK SABHA IN RESPECT OF PARTS (a) to (e) OF LOK SABHA STARRED QUESTION NO. *348 FOR 17TH JULY, 2019 ON “BSNL MOBILE TOWERS”.

(a) Bharat Sanchar Nigam Limited (BSNL) is providing 2G, 3G and 4G (at few locations) mobile services in its Licensed Service Areas (LSAs). State-wise detail of 2G, 3G and 4G Base Transceiver Stations (BTSs) installed by BSNL across the country including Gujarat and Haryana is at **Annexure-I**.

District-wise details of BTSs installed by BSNL in Gujarat State is at **Annexure-II**.

(b) As on 31.05.2019, 4852 number of 2G BTSs, 3163 number of 3G BTSs and 844 number of 4G BTSs of BSNL are working in Gujarat State. As on 31.05.2019, 2237 number of 2G BTSs, 2236 number of 3G BTSs and 170 number of 4G BTSs of BSNL are working in Haryana State. Details of BTSs installed by BSNL and major private Telecom Service Providers (TSPs) in Gujarat and Haryana as on 31.05.2019 are as under:

Name of TSP	Mobile Towers installed in Gujarat			Mobile Towers installed in Haryana		
	2G	3G	4G	2G	3G	4G
BSNL	4852	3163	844	2237	2236	170
Reliance Jio*	0	0	48606	0	0	18593
Vodafone-Idea*	16430	15515	21662	4589	4622	5942
Airtel*	9154	6147	13121	3744	2675	5771

* Source: TARANG Sanchar Portal

(c) & (d) Subject to techno-commercial feasibility and availability of funds, BSNL is regularly adding new equipments for improving its mobile network and coverage in both urban and rural areas of all of its LSAs including Gujarat and Haryana. State-wise details of BTSs planned and commissioned by BSNL under its expansion plan Phase-VIII.4 are at **Annexure-III**. Details of BTSs planned and commissioned by BSNL under its expansion plan in Bhavnagar and Botad districts are at **Annexure-IV**.

(e) Detail of BTSs upgraded in Gujarat circle during the last three years and current year is as under:

During 2016-17	During 2017-18	During 2018-19	During 01.04.2019 to 31.05.2019
27	0	4979	746

Annexure referred to in Part (a) of the Lok Sabha Starred Question No.348 for Answer on 17.07.2019.

2G/3G/4G BTSs installed by BSNL circle wise as on 31-05-2019

S.No	Name of Circle	No. of working BTS (2G)	No. of working Node B (3G)	No. of working eNode B (4G)
EAST ZONE				
1	ANDAMAN & NICOBAR	172	107	0
2	ASSAM	1642	1468	20
3	BIHAR	3170	1480	166
4	KOLKATA TD	1620	1573	0
5	JHARKHAND	2154	1118	0
6	NORTH EAST I	897	772	192
7	NORTH EAST II	767	547	0
8	ODISHA	3564	2335	160
9	WEST BENGAL	2649	1432	0
SOUTH ZONE				
1	ANDHRA PRADESH	4280	2843	259
2	CHENNAI TD	1886	1620	14
3	KERALA	5762	4518	705
4	KARNATAKA	5791	3874	261
5	TAMIL NADU	5893	3726	323
6	TELANGANA	3682	2522	282
WEST ZONE				
1	CHHATTISGARH	2343	1322	226
2	GUJARAT	4852	3163	844
3	MAHARASHTRA	8301	5758	1092
4	MADHYA PRADESH	5320	2617	91
NORTH ZONE				
1	HARYANA	2237	2236	170
2	HIMACHAL PRADESH	1264	875	74
3	JAMMU & KASHMIR	1252	869	105
4	PUNJAB	3351	2859	362
5	RAJASTHAN	4569	4073	0
6	UTTARAKHAND	1083	972	56
7	UTTAR PRADESH (EAST)	6416	4173	258
8	UTTAR PRADESH (WEST)	2712	1897	261
TOTAL		87629	60749	5921

Annexure –II

Annexure referred to in Part (a) of the Lok Sabha Starred Question No.348 for Answer on 17.07.2019.

District wise details of BTSs installed by BSNL in Gujarat.

S. No.	District	No. of 2G BTS	No. of 3G BTS	No. of 4G BTS
1.	AHMEDABAD	588	526	19
2.	AMRELI	167	48	68
3.	ANAND	139	96	16
4.	ARAVALLI	109	30	49
5.	BANASKANTHA	241	113	36
6.	BHARUCH	183	154	2
7.	BHAVNAGAR	189	152	30
8.	BOTAD	37	17	11
9.	CHHOTAUDEPUR	43	21	4
10.	DAHOD	74	17	15
11.	DANG	19	16	5
12.	DWARKA	32	17	4
13.	GANDHINAGAR	149	99	15
14.	GIR SOMNATH	73	32	4
15.	JAMNAGAR	156	115	24
16.	JUNAGADH	119	66	17
17.	KHEDA	118	78	11
18.	KUTCH	244	46	150
19.	MAHISAGAR	61	16	12
20.	MEHSANA	178	88	31
21.	MORBI	68	28	27
22.	NARMADA	33	18	7
23.	NAVSARI	108	97	14
24.	PANCHMAHAL	82	44	10
25.	PATAN	88	28	23
26.	PORBANDAR	50	24	1
27.	RAJKOT	305	227	46
28.	SABARKANTHA	153	81	88
29.	SURAT	398	359	14
30.	SURENDRANAGAR	164	77	44
31.	TAPI	36	16	12
32.	VADODARA	297	291	11
33.	VALSAD	112	91	24
	Grand Total	4813	3128	844

ANNEXURE III

Annexure referred to in Part (c) & (d) of the Lok Sabha Starred Question No.348 for Answer on 17.07.2019.

Details of BTS Planned/Installed by BSNL under Phase VIII.4 Mobile Expansion Project as on
31.05.2019

Zone	Circle	2G		3G		4G	
		Planned	Installed	Planned	Installed	Planned	Installed
East	Andaman & Nicobar	57	48	68	47	40	0
	Assam	425	237	460	453	284	20
	Bihar	0	0	222	215	323	166
	Kolkata TD	150	150	150	150	100	0
	Jharkhand	314	277	432	281	148	0
	North East-I	37	25	251	238	286	192
	North East-II	138	123	172	142	141	0
	Odisha	419	413	695	590	253	160
West	West Bengal	874	604	1620	1004	230	0
	Chhattisgarh	1554	1409	1148	1132	226	226
	Gujarat	2154	1853	4405	3520	1050	844
	Maharashtra	3829	3106	6230	5213	1184	1092
North	Madhya Pradesh	2436	2171	2136	2089	130	91
	Haryana	540	540	901	901	170	170
	Himachal Pradesh	241	241	322	322	74	74
	Jammu & Kashmir	320	317	459	418	108	105
	Punjab	904	904	1686	1617	362	362
	Rajasthan	1722	1722	2397	2396	0	0
	Uttarakhand	176	176	306	294	56	56
South	Uttar Pradesh (East)	1850	1850	1894	1894	310	258
	Uttar Pradesh (West)	719	710	934	804	270	261
	Andhra Pradesh	741	731	1219	1219	500	259
	Chennai TD	393	393	845	740	200	14
	Kerala	1052	1052	2043	1998	705	705
	Karnataka	747	747	2206	2037	434	261
Total	Tamil Nadu	1506	1296	2855	2388	771	323
	Telangana	416	416	784	775	409	282
Total		23714	21511	36840	32877	8764	5921

Annexure referred to in Part (c) & (d) of the Lok Sabha Starred Question No.348 for Answer on 17.07.2019.

Details of BTSs planned and commissioned by BSNL under its expansion plan in Bhavnagar and Botad districts

Action	Bhavnagar district		Botad district	
	Planned	Installed	Planned	Installed
Upgradation of old equipment with state of art equipment	2G-80	2G-80	2G-10	2G-10
	3G-81	3G-81	3G-10	3G-10
Upgradation of site by addition of 3G BTS	80	56	21	16
Upgradation of site by addition of 4G BTS	97	96	14	14
